

# Backyard Volcano Demonstration Script

by

Singing A New Song Blog  
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Kid's! Today we are going to learn just a little bit about chemistry! Chemistry is the science that investigates the parts (or ingredients) of substances and matter. You know how when we bake cookies or a cake we use ingredients, like flour and eggs? Well look around you. Everything you see has ingredients, even the trees have ingredients!

So Chemistry is the part of science that investigates, like detectives, the ingredients of things!

Today we are going to learn about a part of chemistry that has to do with reactions. What is a reaction? To react means to act in response of something. When, a baby get's mad, what does he do? (Cry). He cries, or explodes! That's a reaction! He's reacting to what made him mad!

In the science of chemistry, we are going to see a reaction today, where an ingredient reacts in response to another ingredient, kind of like how a baby reacts when he's mad!

Today we are going to take baking soda, which is also known as salt of carbonic acid, and we are going mix it with something that is going to cause it to react!

We are going to mix it with vinegar, which is an acid!

When we mix these ingredients they are going to act kind of like a baby does when he's mad. They are going to EXPLODE! Instead of a cry they are going to make carbon dioxide. Can we all say "carbon dioxide"?

Carry out demonstration.